

TGTCAAACACACATAACACATAAGTGACCGTGACTCATTAAATTATATTCATCAATC

TAATCAAACATGGAGAAGAACATCACTAGCTGGCTTATGCTCCTCTGGTTCTTGT

M E K K S L A G L C F L F L V L F V

GCACAAAGAATTGGGTGACAGAACCCAGAACATGTGAGAATTGGCAGATAATATAGGGAC

A Q E I V V T E A R T C E N L A D K Y R G P

△

CATGCTTAGTGTTGTGACACTCACTGCACAAACCAAGAGAACGGCAGTTAGTGGAAAGGTGTAG

C F S G C D T H C T T K E N A V S G R C R

GGACGACTTCCGCTGGTACTAAAGATGTTAAATGGATCTCTCCACATCAAGATGTG

D D F R C W C T K R C *

CATGGAATAAGTCTTATAATAAAACTAAATAAAATGCACGCAGTATAGCTACAACCTCAT

CTATTATGTACTCAATATCGNGCATAACGTATTAGTATGCACCTCTATCATATGGAAATAA

CATAATAAGTAATTCTGNTCCAAALALALALALALAA

FIG. 1

Serial No.: 10/010,731
Howrey matter No.: 11899.0193.DVUS02
Title: Antifungal Polypeptide from Alfalfa
Controlling Plant Pathogenic Fungi
Attorney: Darrell Dotson 713.787.1524

FIG. 2

Howrey Matter No: 11899.0193.DVUS02

Title: Antifungal Poly...

Title: Antifungal Polypeptide from Alliaria Controlling Plant Pathogenic Fungi

Controlling Plant Pathogenic Fungi

Attorney: Darrell Dotson 713.787.1524

A1 fAFAFP2
A1 fAFAFP1

TGTCAAACACACATAACACATAAGTGACCGTGAGTCATTAATTATA

A1 fAfp2
A1 fAfp1

TATATTCATCAATCTAAACTATGGAGAAGAAATCACTAGCTGGCTTA
-----CTGGCTTA

AlfaFP2
AlfaFP1

A1 fAFP2
A1 fAFP1

AlfaFP2
AlfaFP1

A1 f AFP2
A1 f AFP1

AGGGACGACTTCGGCTGCTGGATCC
AGGGACGACTTCGGCTGCTGGATCC

FIG. 3

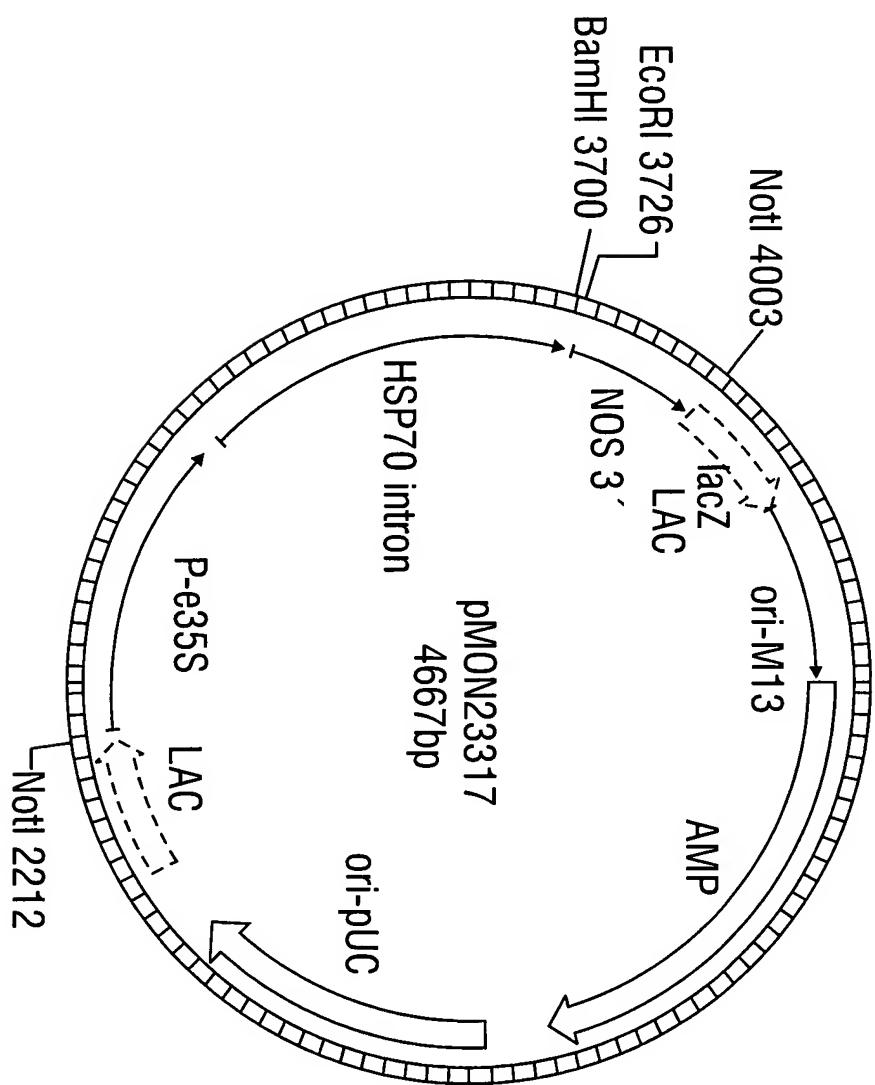


FIG. 4

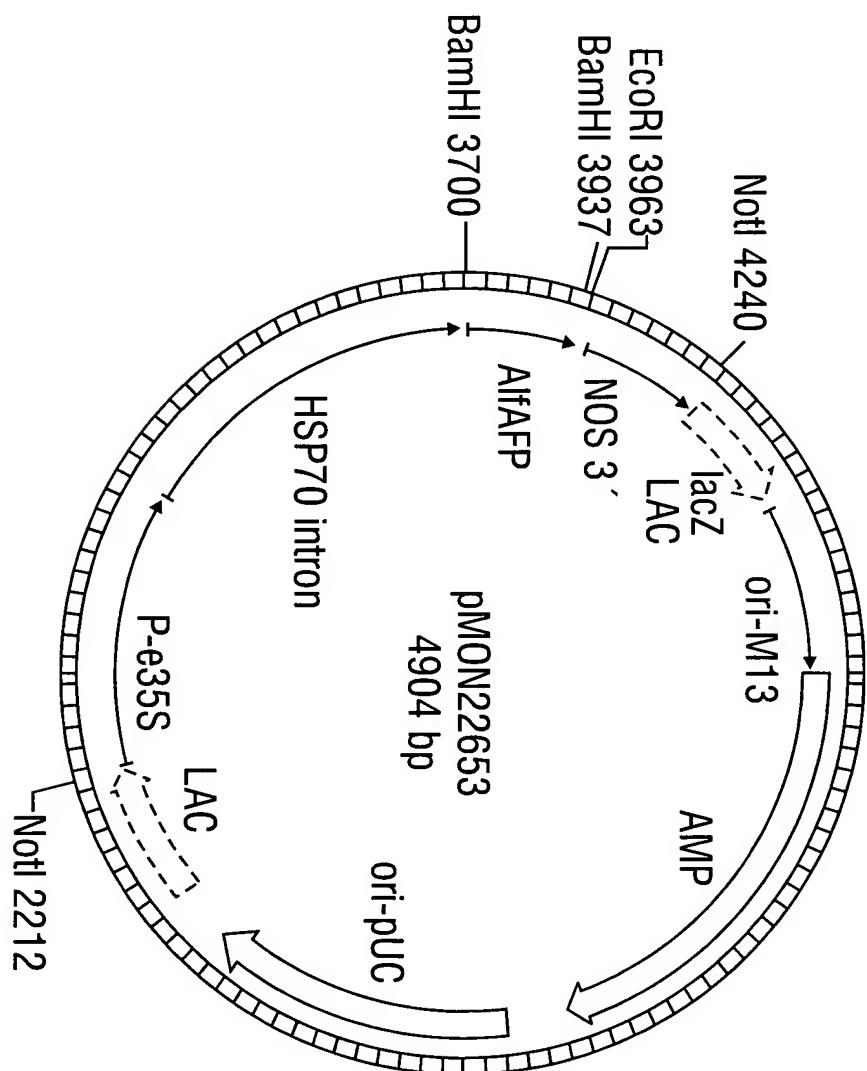


FIG. 5

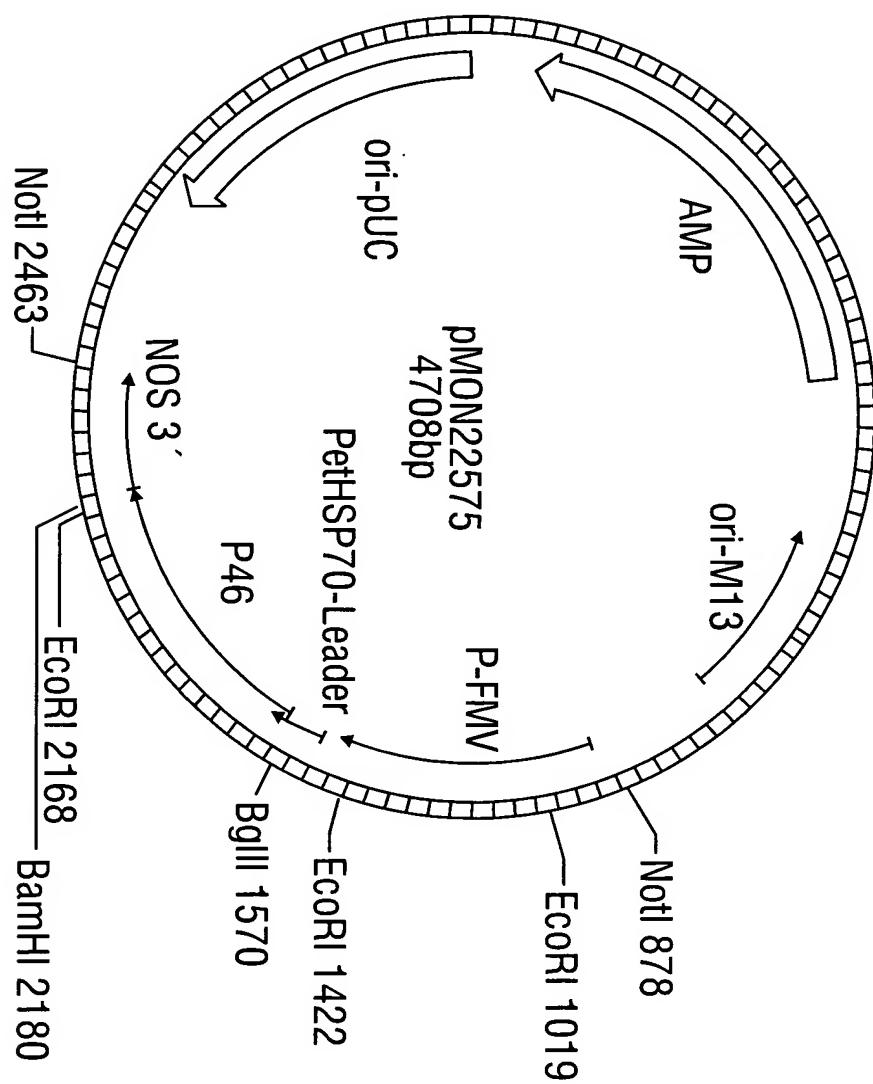


FIG. 6

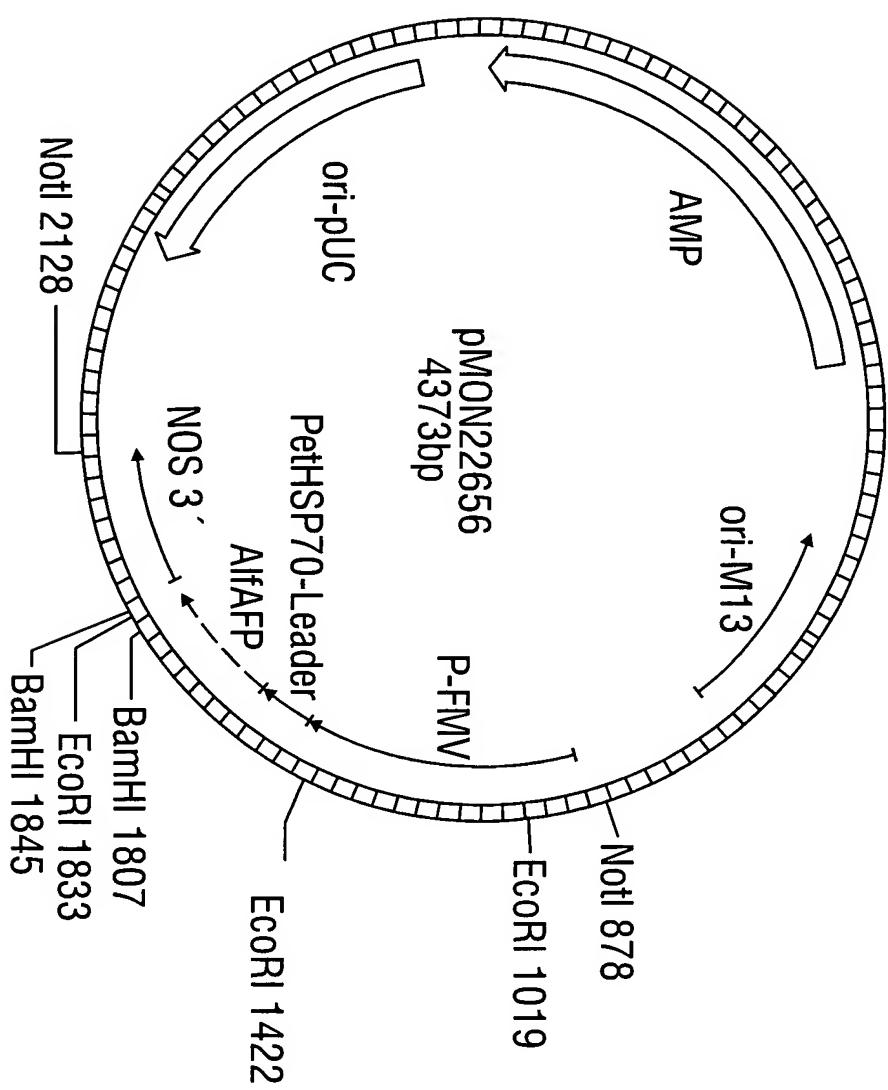


FIG. 7

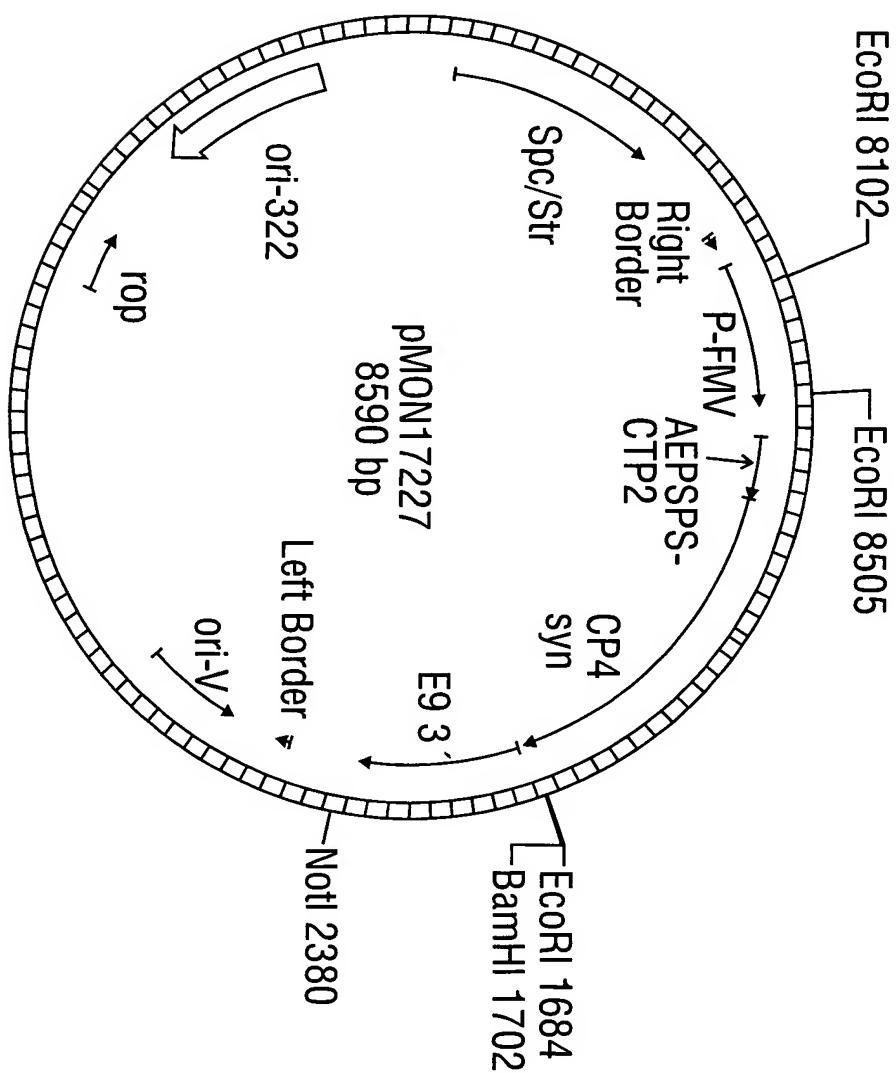


FIG. 8

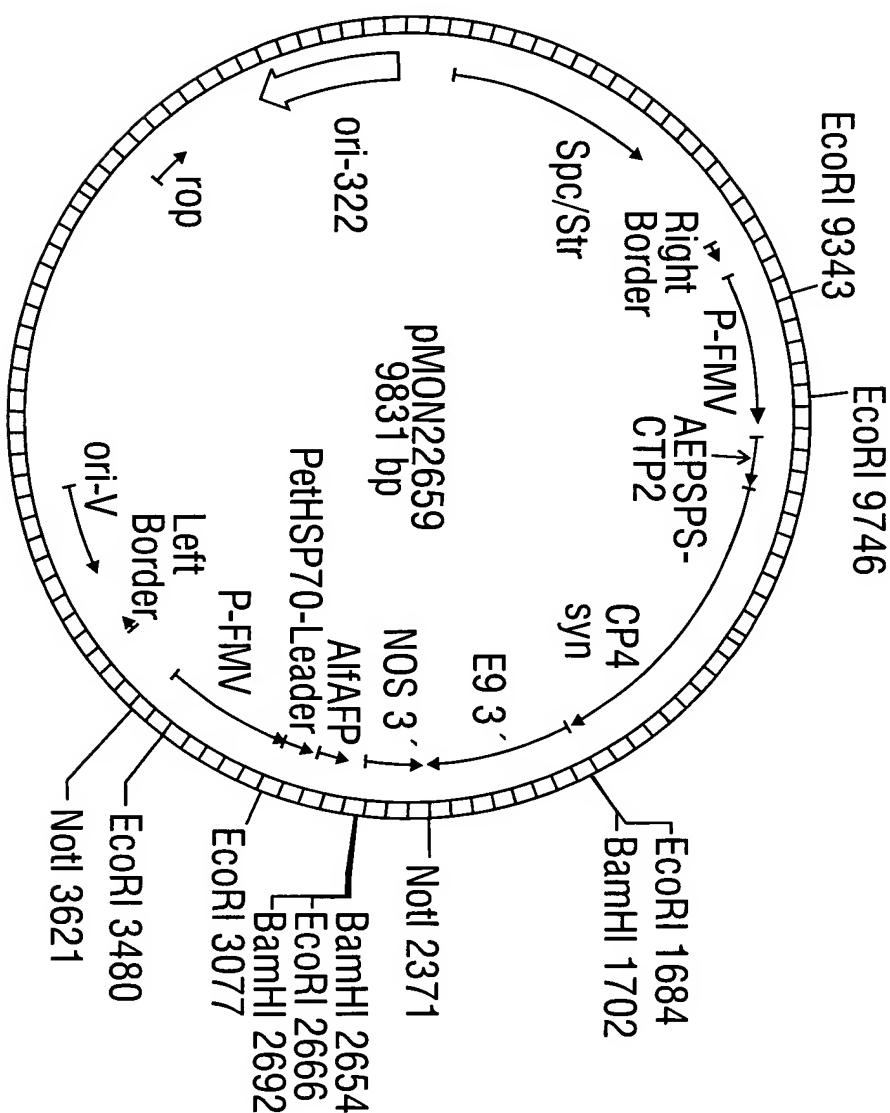


FIG. 9

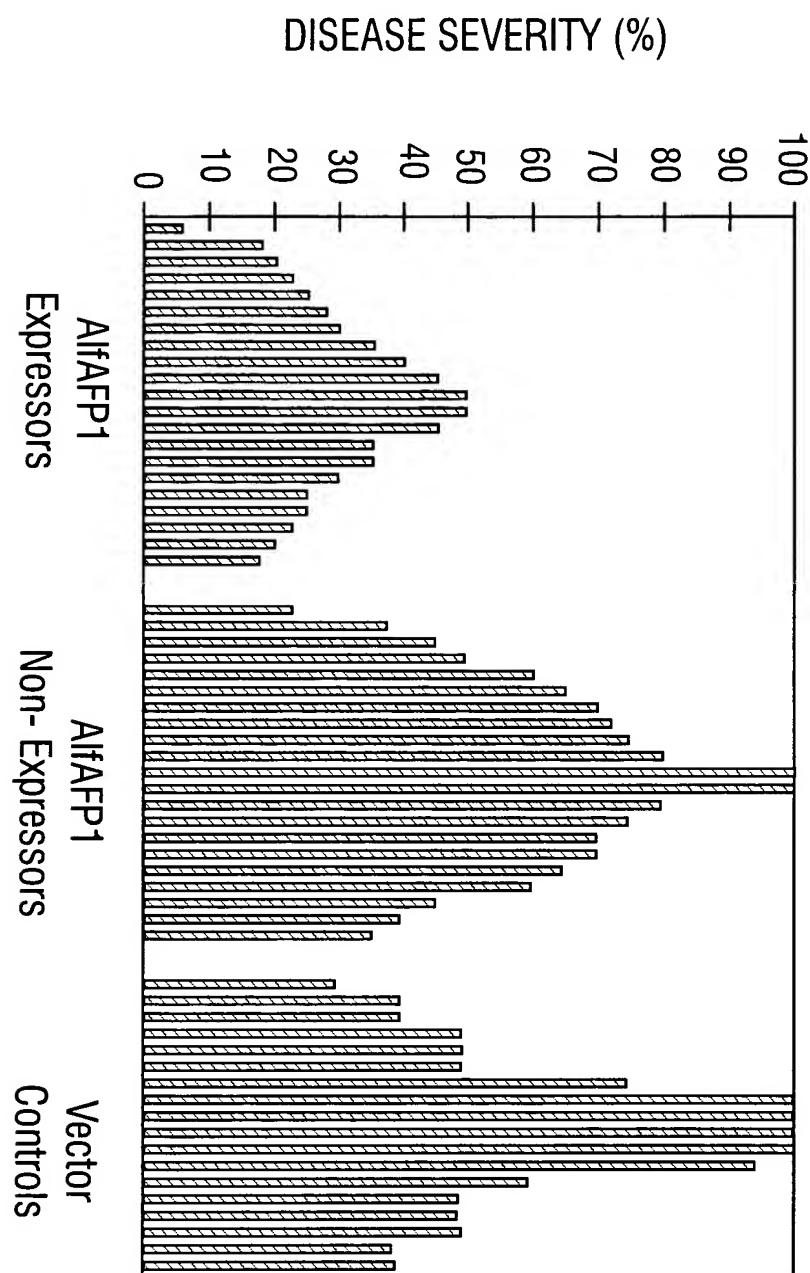


FIG. 10